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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Michael A. Apicella et al.

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VACCINE AND COMPOSITIONS FOR THE PREVENTION AND

TREATMENT OF NEISSERIAL INFECTIONS

COMMUNICATION UNDER 37 C.F.R. § 1.821

MAIL STOP PATENT APPLICATION Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

A paper copy of the SEQUENCE LISTING, to conform the above-referenced application to the requirements of 37 C.F.R. §§ 1.821 through 1.825, is submitted herewith. In accordance with 37 C.F.R. § 1.821(e), a copy of the above-submitted SEQUENCE LISTING in ASCII computer readable form is also submitted herewith. The contents of the paper version of the SEQUENCE LISTING and the computer readable form being submitted herewith are the same.

Respectfully Submitted, MICHAEL A. APICELLA ET AL. By their Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A. P.O. Box 2938
Minneapolis, MN 55402
(612) 373-6961

Date 15 July 2003 By Ann S. Ulbanis
Ann S. Viksnins

Ann S. Viksnins Reg. No. 37,748

"Express Mail" mailing label number: <u>EL 833 034 746 US</u>

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